



TARA PAINTS & CHEMICALS

(An ISO 9001:2015 Certified Company)

A - 423 / 14, Mahagujarat Industrial Estate, Sarkhej - Bavla Road, Lane Behind Satyam Arcade,
Village : Moraiya, Ahmedabad - 382 210, Gujarat (India)

Tel: (F): +91 8000011774, E-mail: taralac@hotmail.com , taralac@taralac.com Website: www.taralac.com

TARALAC POLYESTER PUTTY MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT: TARALAC POLYESTER PUTTY
DATE OF PREPARATION: 15/08/2009

ACGIH CAS No.	OSHA HAZARDOUS INGREDIENT	TLV <STEL>	PEL <STEL>	Vapor Units Pressure (mm Hg)
100-42-5	Styrene		PPM	4.3
108-88-3	Toluene 50		PPM (Skin)	22.0
1330-20-7	Xylene		PPM	5.9
67-63-0 2-	Propanol		PPM	33.0
123-86-4	n-Butyl Acetate		PPM	10.0
94-36-0	Dibenzoyl Peroxide	5	5	Mg/M3
8001-78-3	Hydrogenated Castor Oil	Not Established		
14807-96-6	Talc	2	2	Mg/M3
13463-67-6	Titanium Dioxide	10	10[5]	Mg/M3 As dust

VOC - Total Volatile Organic Compounds (lbs./gal.) 2.4
VOC - Less Water and exempt Solvents (lbs./gal.) 2.4
Photochemically Reactive Yes
Flash Point (°F) 90
Flammability Classification (Flammable - Combustible) Flam.
DOL Storage Category 1C
HMIS® (NFPA) Rating (health - flammability - reactivity) 2 3 2
PAINT-SAFE® Personal Protection J2

Section III — PHYSICAL DATA

PRODUCT WEIGHT — See TABLE EVAPORATION RATE — Slower than Ether
SPECIFIC GRAVITY — 1.2-1.6 VAPOR DENSITY — Heavier than Air
BOILING POINT — 148-294 °F MELTING POINT — Not Available
VOLATILE VOLUME — 0-40 % SOLUBILITY IN WATER — Not Available

Section IV — FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION FLASH POINT See TABLE LEL 01.0 UEL 36.5 See TABLE

EXTINGUISHING MEDIA

Carbon Dioxide, Dry Chemical, Alcohol Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS

Keep containers tightly closed. Isolate from heat, electrical equipment, sparks, and open flame. Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent.

SPECIAL FIRE FIGHTING PROCEDURES

Full protective equipment including self-contained breathing apparatus should be used.

Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.



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Section V — HEALTH HAZARD DATA

ROUTES OF EXPOSURE

Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use.

Follow recommendations for proper use, ventilation, and personal protective equipment to minimize exposure.

ACUTE Health Hazards

EFFECTS OF OVEREXPOSURE

Irritation of eyes, skin and respiratory system. May cause nervous system depression.

Extreme overexposure may result in unconsciousness and possibly death.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists.

Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

None generally recognized.

EMERGENCY AND FIRST AID PROCEDURES

If INHALED: If affected, remove from exposure. Restore breathing. Keep warm and quiet.

If on SKIN: Wash affected area thoroughly with soap and water.

Remove contaminated clothing and launder before re-use.

If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.

If SWALLOWED: Get medical attention.

CHRONIC Health Hazards

Styrene in Polyester Glazing Putty is listed by IARC as a possible human carcinogen based on "inadequate evidence" in humans, "limited evidence" in animals, and the fact that it is metabolized to styrene oxide, which has been shown to induce cancer in animals. However, studies of humans exposed for long periods of time to styrene have not demonstrated any carcinogenic effect.

Prolonged overexposure to solvent ingredients in Section II may cause adverse effects to the liver, urinary, and reproductive systems.

Rats exposed to titanium dioxide dust at 250 mg./m³ developed lung cancer, however, such exposure levels are not attainable in the workplace.

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

Section VI — REACTIVITY DATA

STABILITY — Stable

INCOMPATIBILITY

Avoid any contamination of Polyester Glazing Putty with polymerization catalysts such as peroxides and strong acids.

HAZARDOUS DECOMPOSITION PRODUCTS

By fire: Carbon Dioxide, Carbon Monoxide

HAZARDOUS POLYMERIZATION — Will Not Occur

Section VII — SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove all sources of ignition. Ventilate and remove with inert absorbent.

WASTE DISPOSAL METHOD

Waste from Glazing Putty Hardener is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste from other products may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261, and should be tested for ignitability to determine the applicable EPA Hazardous Waste numbers.

Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State, and Local regulations regarding pollution.

Section VIII — PROTECTION INFORMATION

PRECAUTIONS TO BE TAKEN IN USE

Use only with adequate ventilation. Avoid breathing vapor and spray mist. Avoid contact with skin and eyes. Wash hands after using.

VENTILATION

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section II is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94,

RESPIRATORY PROTECTION

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section II.

PROTECTIVE GLOVES

Wear gloves which are recommended by glove supplier for protection against materials in Section II.

EYE PROTECTION

Wear safety spectacles with unperforated side shield.

All the information given here are as per the results obtained in laboratory & are given in good faith to guide the user but without any warranty, the actual application results might vary depending on the conditions. We are not responsible for any loss, injury or damage resulting from the use of this information



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Section IX — PRECAUTIONS

DOL STORAGE CATEGORY — See TABLE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep away from heat and open flame.

Consult NFPA Code. Use approved Bonding and Grounding procedures.

Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

OTHER PRECAUTIONS

These products may be mixed with other components before use. Before opening the packages,

READ AND FOLLOW WARNING LABELS ON ALL COMPONENTS.

Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

Section X — OTHER REGULATORY INFORMATION

TSCA CERTIFICATION

All chemicals in these products are listed, or are exempt from listing, on the TSCA Inventory.

The above information pertains to these products as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to these products may substantially alter the composition and hazards of the products. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.

